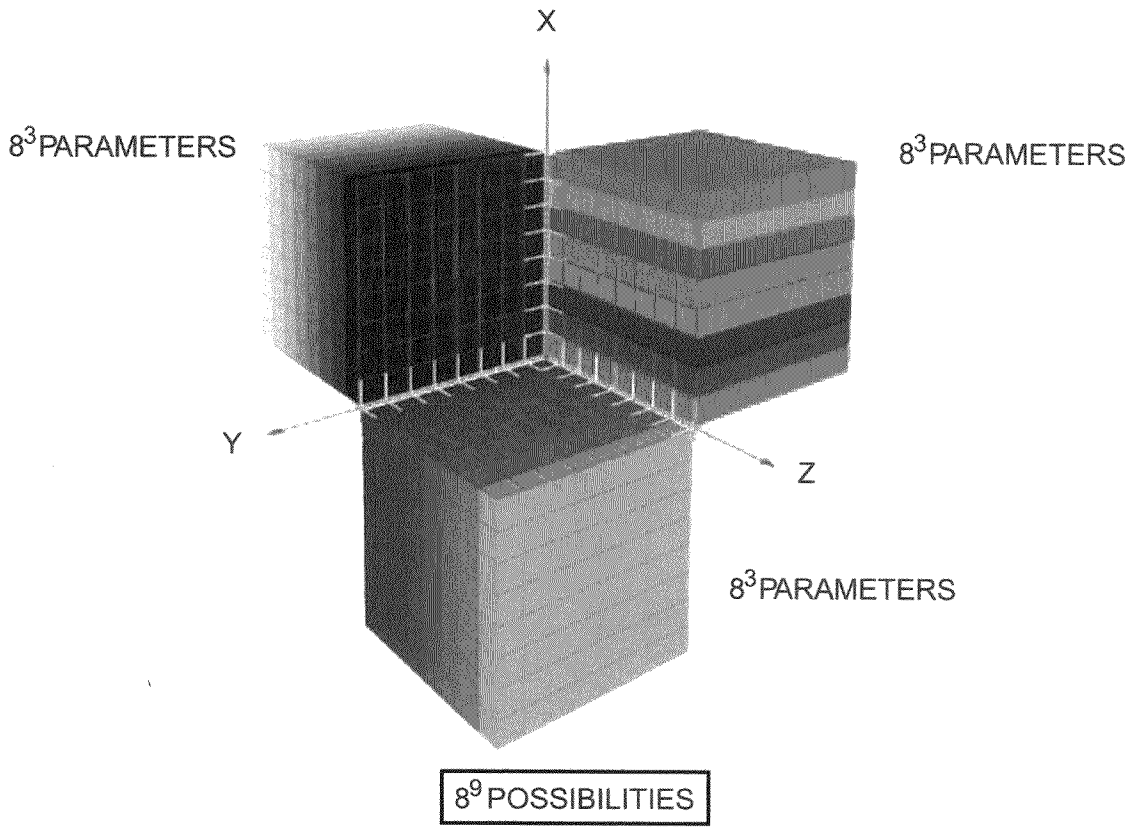
X
8^3PARAMETERS
8^3PARAMETERS
Y
Z
8^3PARAMETERS
8^9 POSSIBILITIES

FIG. 6A

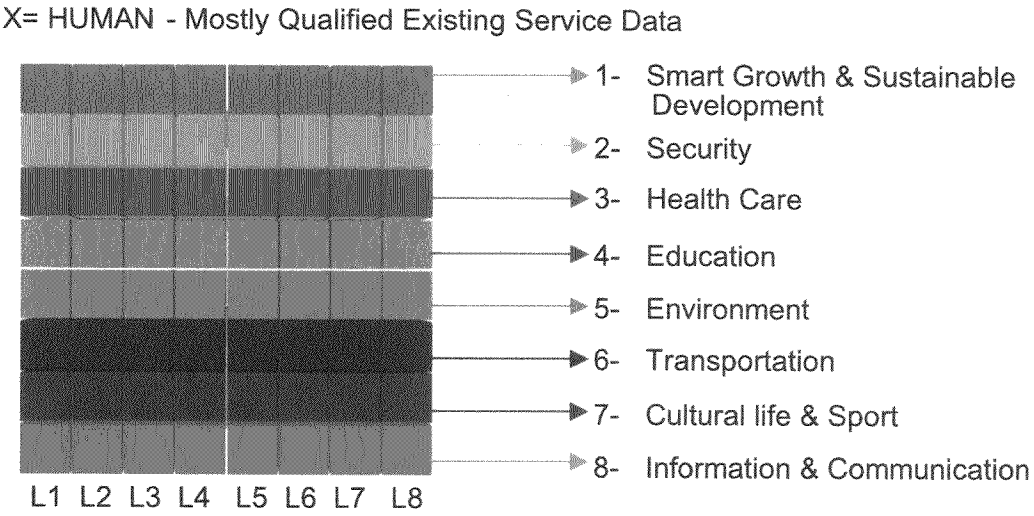
X= HUMAN - Mostly Qualified Existing Service Data
1- Smart Growth & Sustainable Development
2- Security
3- Health Care
4- Education
5- Environment
6- Transportation
7- Cultural life & Sport
8- Information & Communication
L1 L2 L3 L4 L5 L6 L7 L8

FIG. 6B

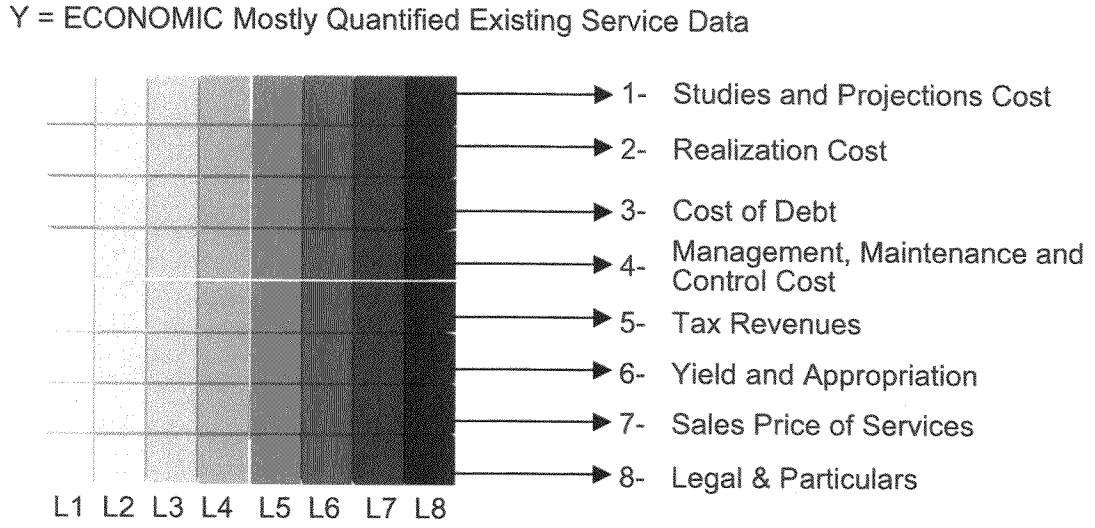
Y = ECONOMIC Mostly Quantified Existing Service Data
1- Studies and Projections Cost
2- Realization Cost
3- Cost of Debt
4- Management, Maintenance and Control Cost
5- Tax Revenues
6- Yield and Appropriation
7- Sales Price of Services
8- Legal & Particulars
L1 L2 L3 L4 L5 L6 L7 L8

FIG. 6C

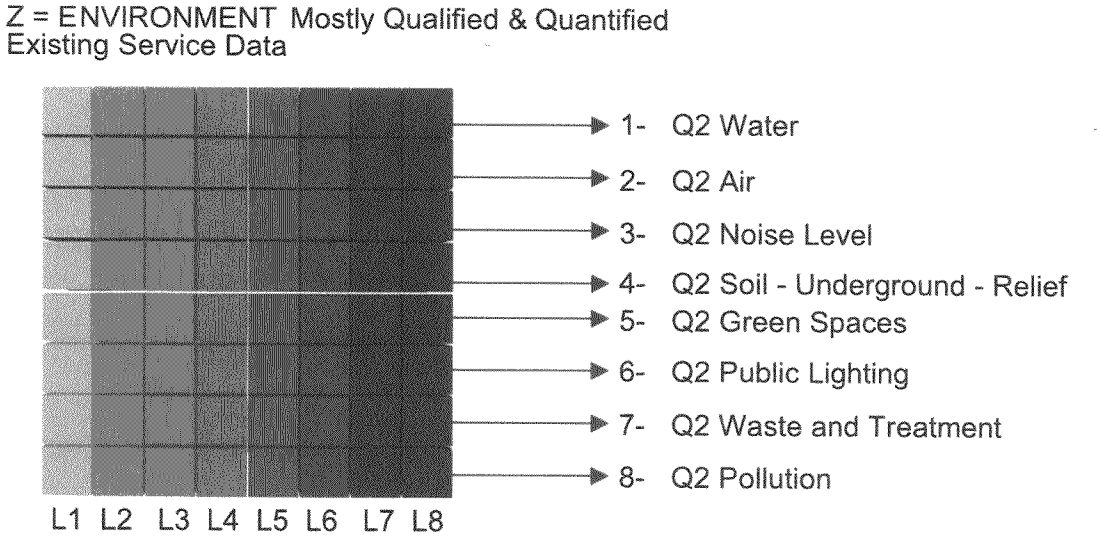
Z = ENVIRONMENT Mostly Qualified & Quantified Existing Service Data
1- Q2 Water
2- Q2 Air
3- Q2 Noise Level
4- Q2 Soil - Underground - Relief
5- Q2 Green Spaces
6- Q2 Public Lighting
7- Q2 Waste and Treatment
8- Q2 Pollution
L1 L2 L3 L4 L5 L6 L7 L8

FIG. 6D

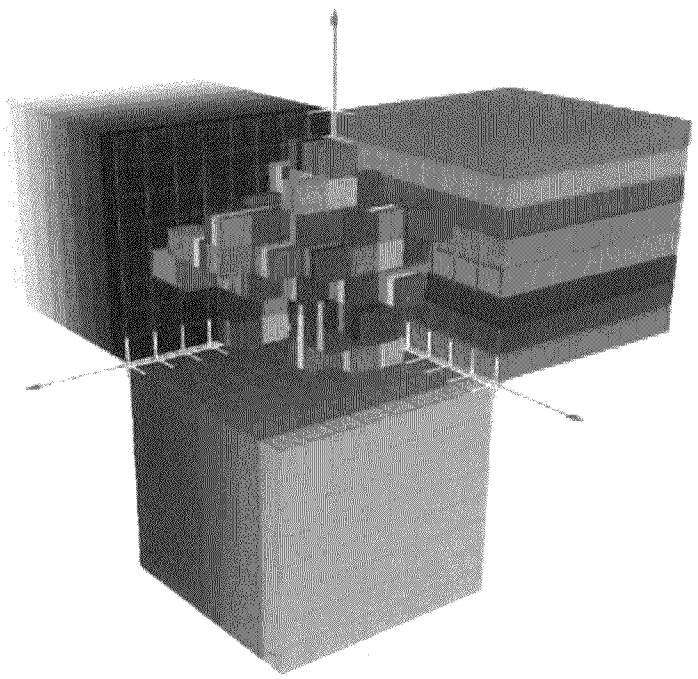

FIG. 6E

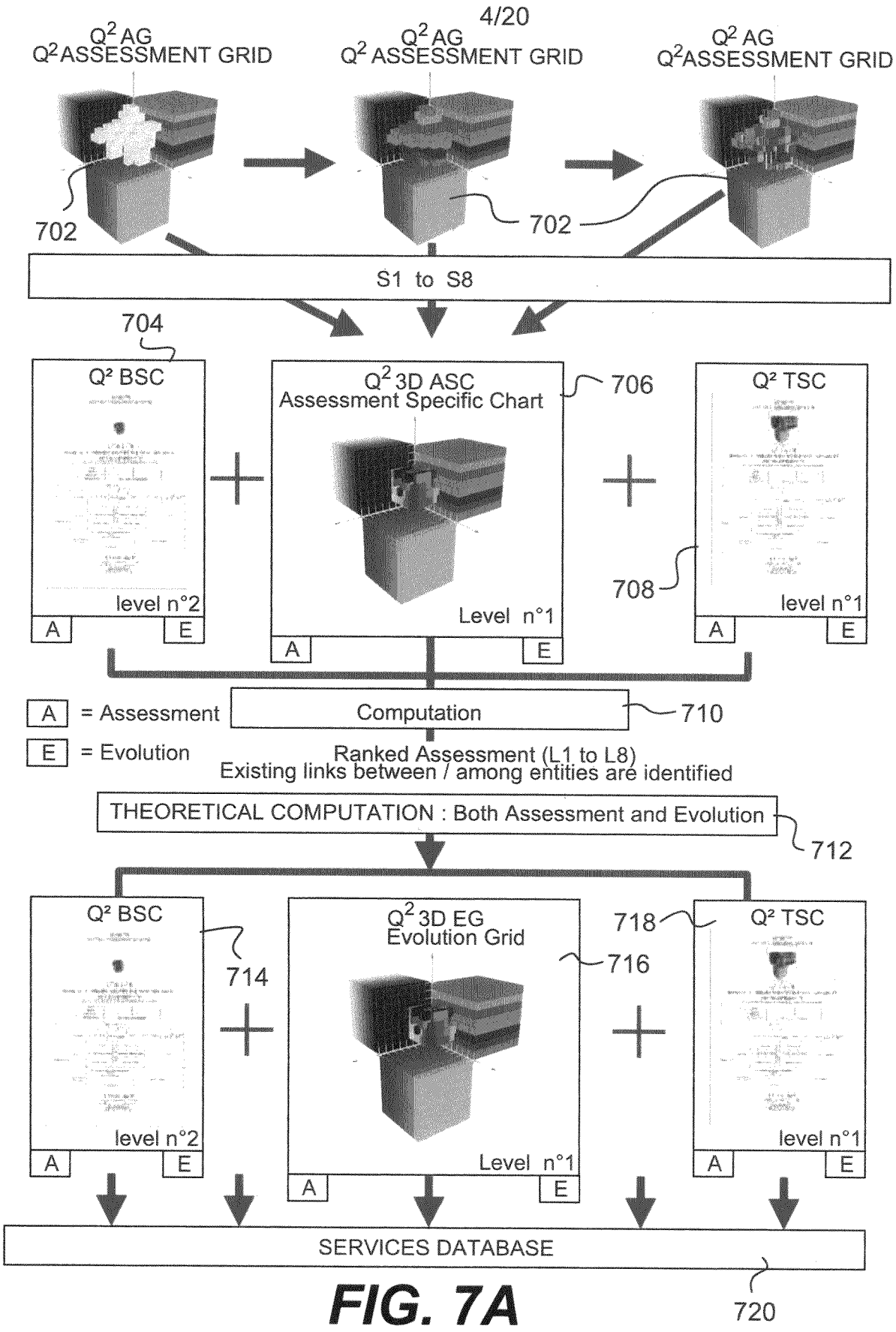
Q2 AG
Q2 ASSESSMENT GRID
Q2 AG
Q2 ASSESSMENT GRID
Q2 AG
Q2 ASSESSMENT GRID
702
702
S1 to S8
704
Q² BSC
level n°2
A
E
Q2 3D ASC
Assessment Specific Chart
706
Level n°1
A
E
Q² TSC
708
level n°1
A
E
A = Assessment
E = Evolution
Computation
710
Ranked Assessment (L1 to L8)
Existing links between / among entities are identified
THEORETICAL COMPUTATION : Both Assessment and Evolution
712
Q² BSC
714
level n°2
A
E
Q2 3D EG
Evolution Grid
716
Level n°1
A
E
718
Q² TSC
level n°1
A
E
SERVICES DATABASE
720

FIG. 7A

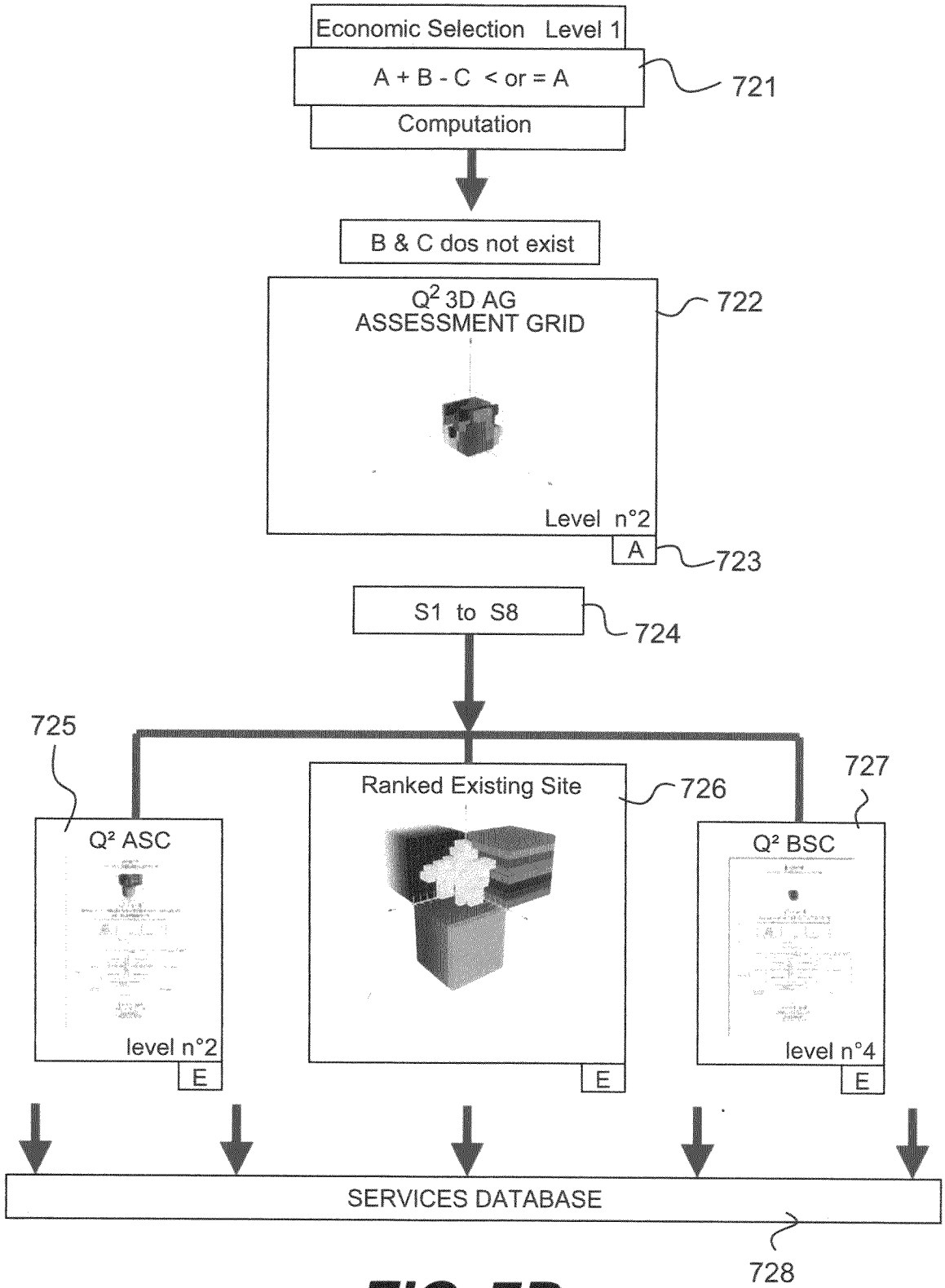
Economic Selection Level 1
A + B - C < or = A
Computation
721
B & C dos not exist
Q2 3D AG
ASSESSMENT GRID
722
Level n°2
A
723
S1 to S8
724
725
Ranked Existing Site
726
727
Q² ASC
level n°2
E
Q² BSC
level n°4
E
E
SERVICES DATABASE
728

FIG. 7B

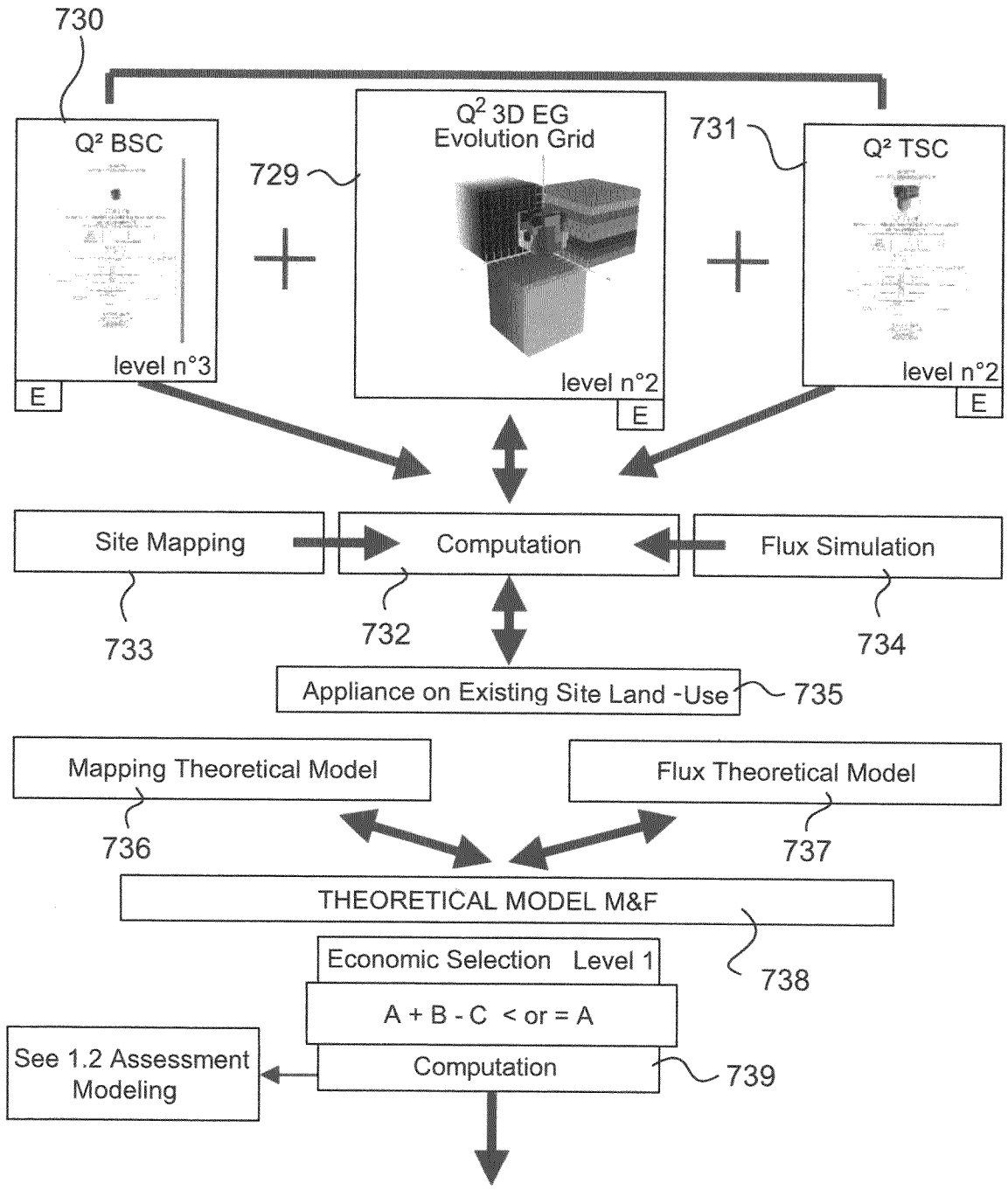
730
Q² BSC
level n°3
E
729
Q² 3D EG
Evolution Grid
level n°2
E
731
Q² TSC
level n°2
E
Site Mapping
Computation
Flux Simulation
733
732
734
Appliance on Existing Site Land -Use
735
Mapping Theoretical Model
Flux Theoretical Model
736
737
THEORETICAL MODEL M&F
738
Economic Selection Level 1
A + B - C < or = A
Computation
739
See 1.2 Assessment Modeling

FIG. 7C

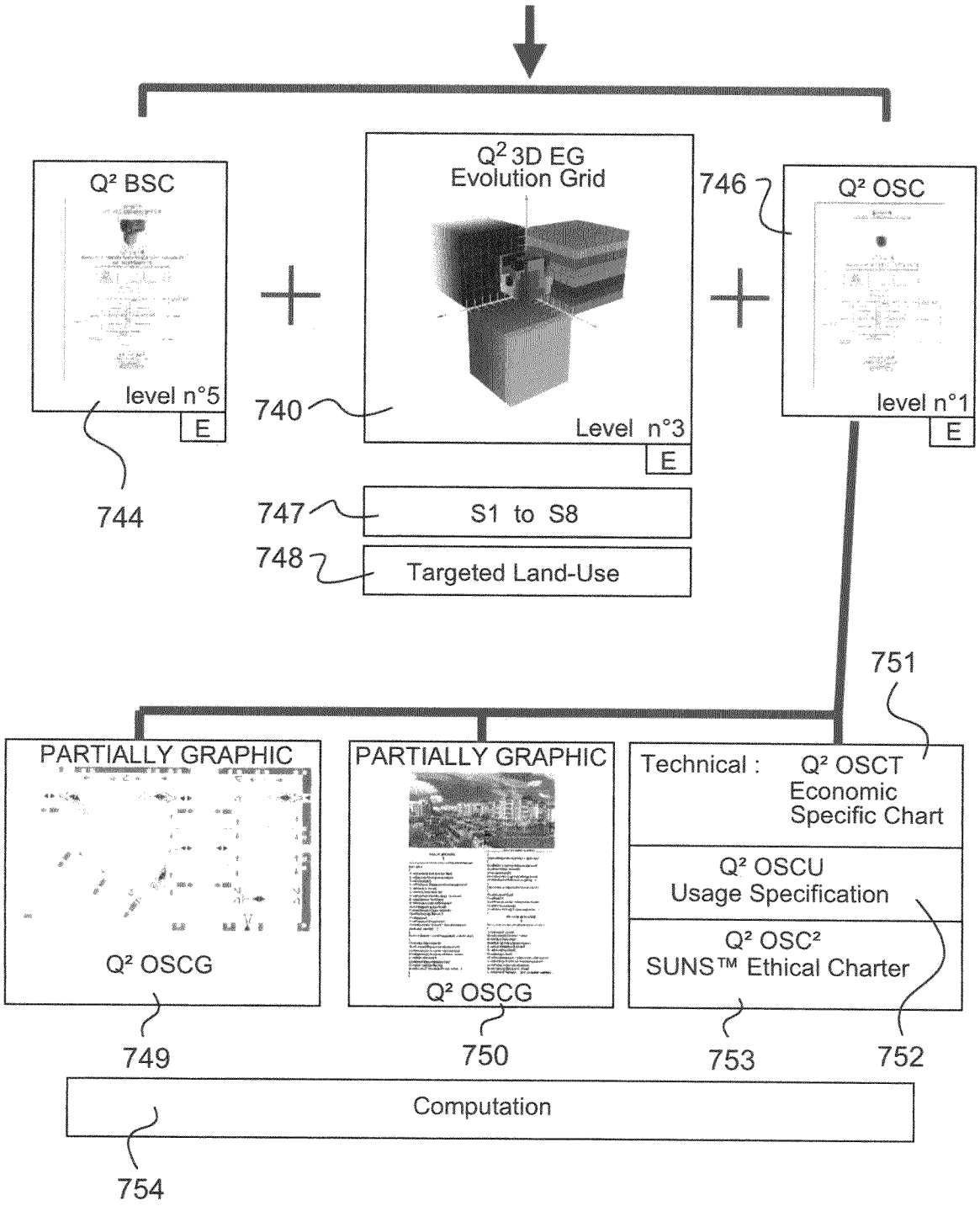
Q² BSC
level n°5
E
744
740
Q² 3D EG
Evolution Grid
Level n°3
E
746
Q² OSC
level n°1
E
747
S1 to S8
748
Targeted Land-Use
751
PARTIALLY GRAPHIC
Q² OSCG
749
PARTIALLY GRAPHIC
Q² OSCG
750
Technical : Q² OSCT
Economic
Specific Chart
Q² OSCU
Usage Specification
Q² OSC²
SUNS™ Ethical Charter
753
752
Computation
754

FIG. 7D

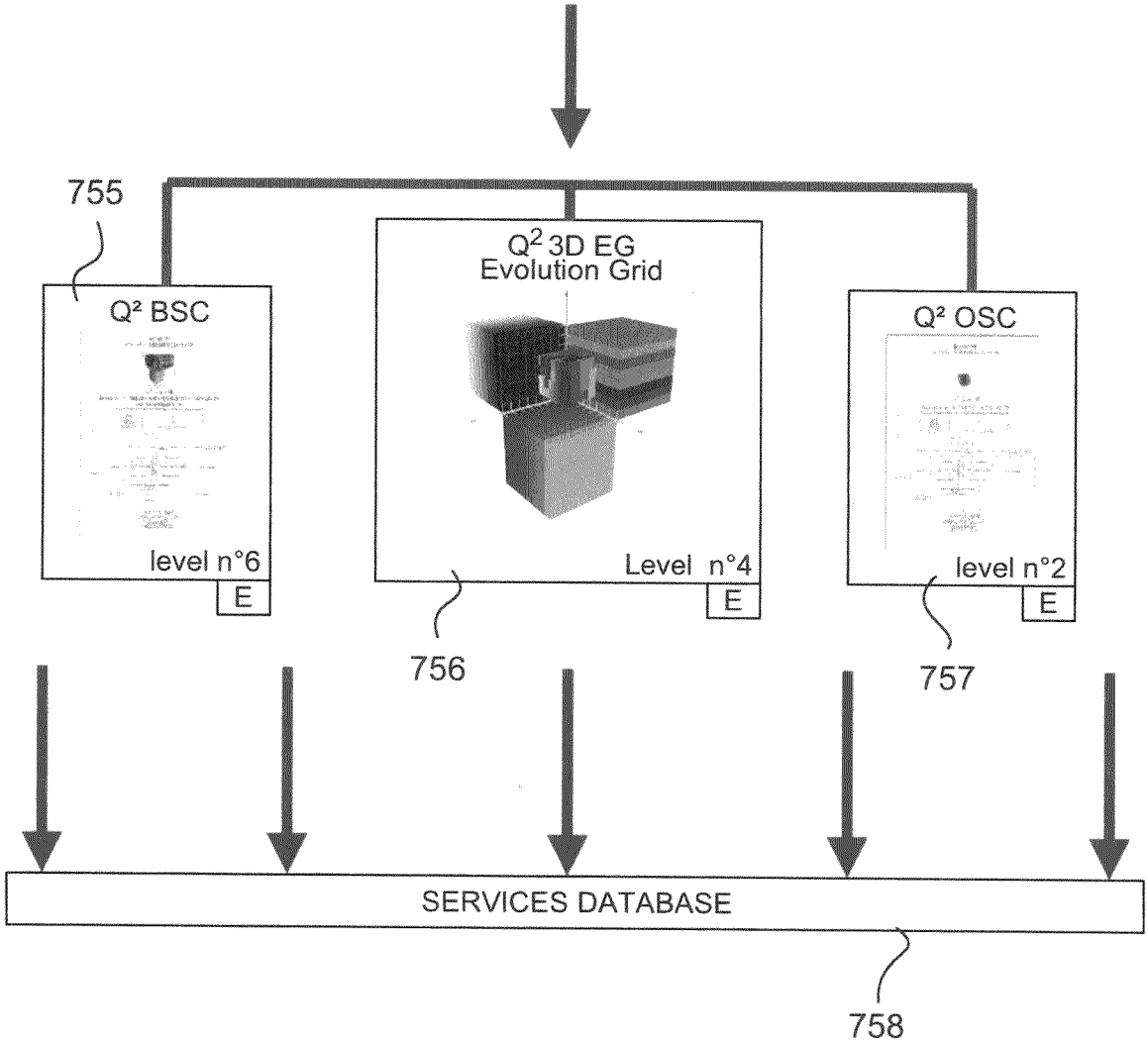
755
Q² BSC
level n°6
E
Q² 3D EG
Evolution Grid
Level n°4
E
Q² OSC
level n°2
E
756
757
SERVICES DATABASE
758

FIG. 7E

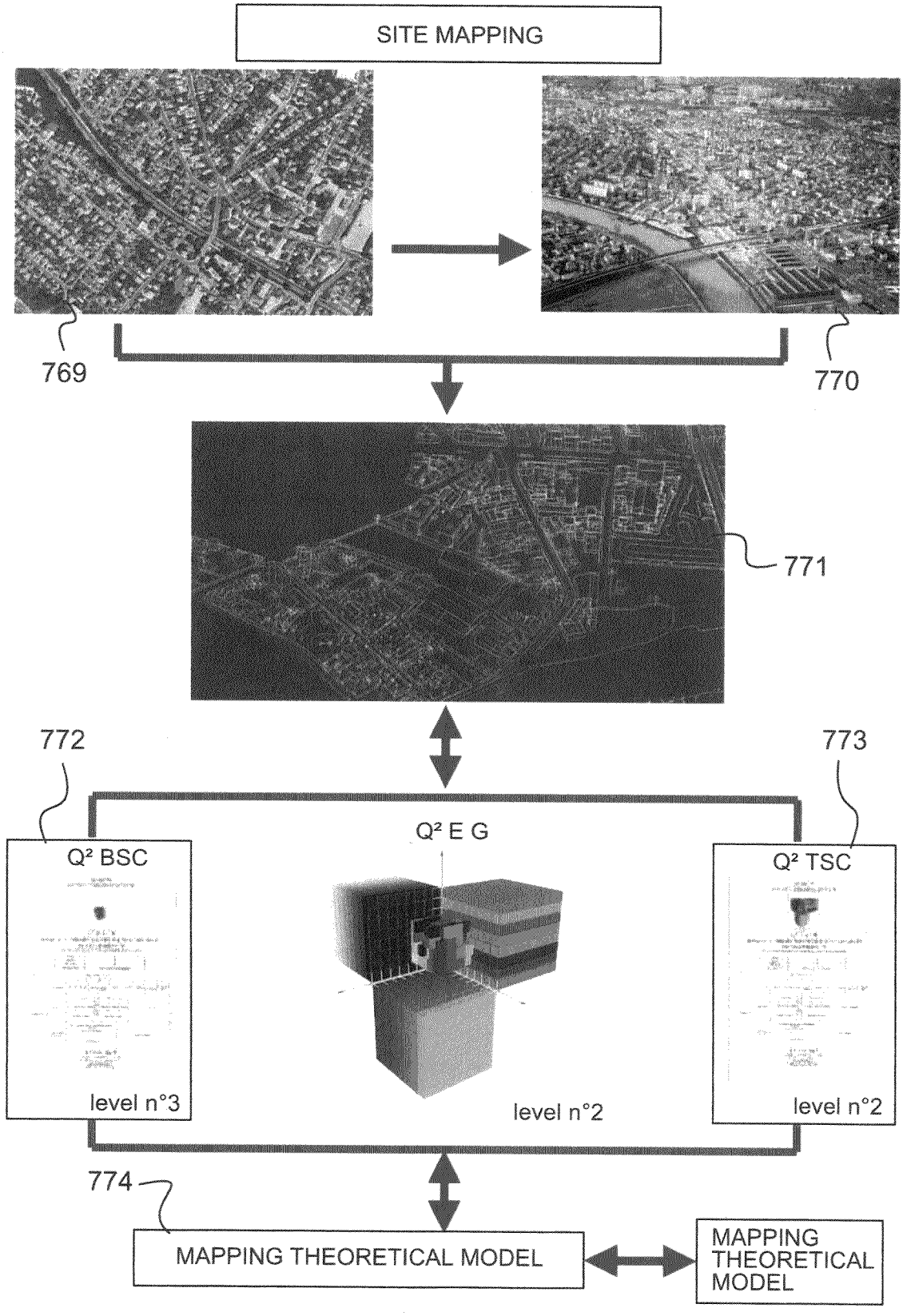
SITE MAPPING
769
770
771
772
773
Q² BSC
level n°3
Q² E G
level n°2
Q² TSC
level n°2
774
MAPPING THEORETICAL MODEL
MAPPING THEORETICAL MODEL

FIG. 7F

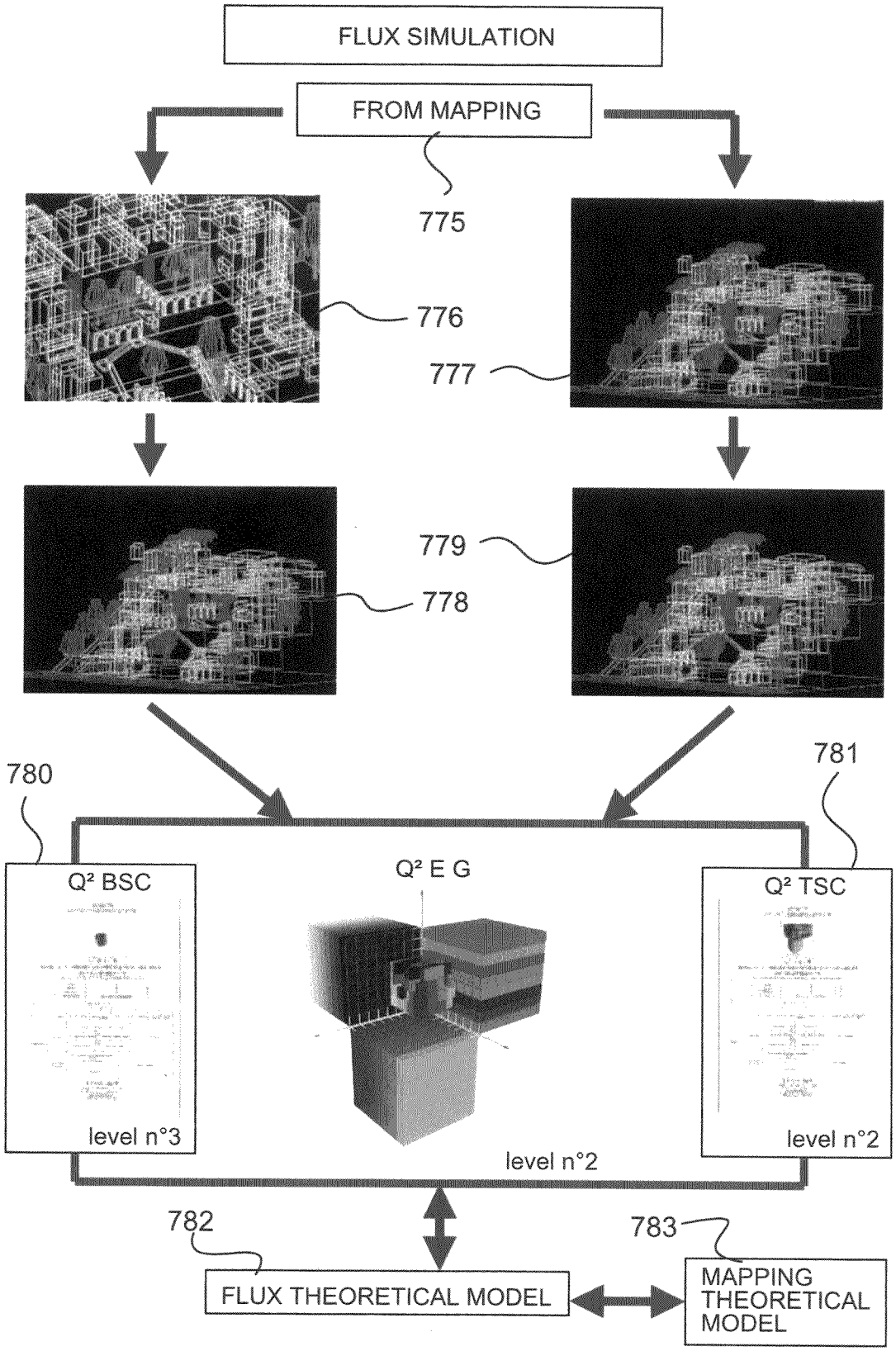
FLUX SIMULATION
FROM MAPPING
775
776
777
779
778
780
781
Q² BSC
level n°3
Q² E G
level n°2
Q² TSC
level n°2
782
783
FLUX THEORETICAL MODEL
MAPPING THEORETICAL MODEL

FIG. 7G

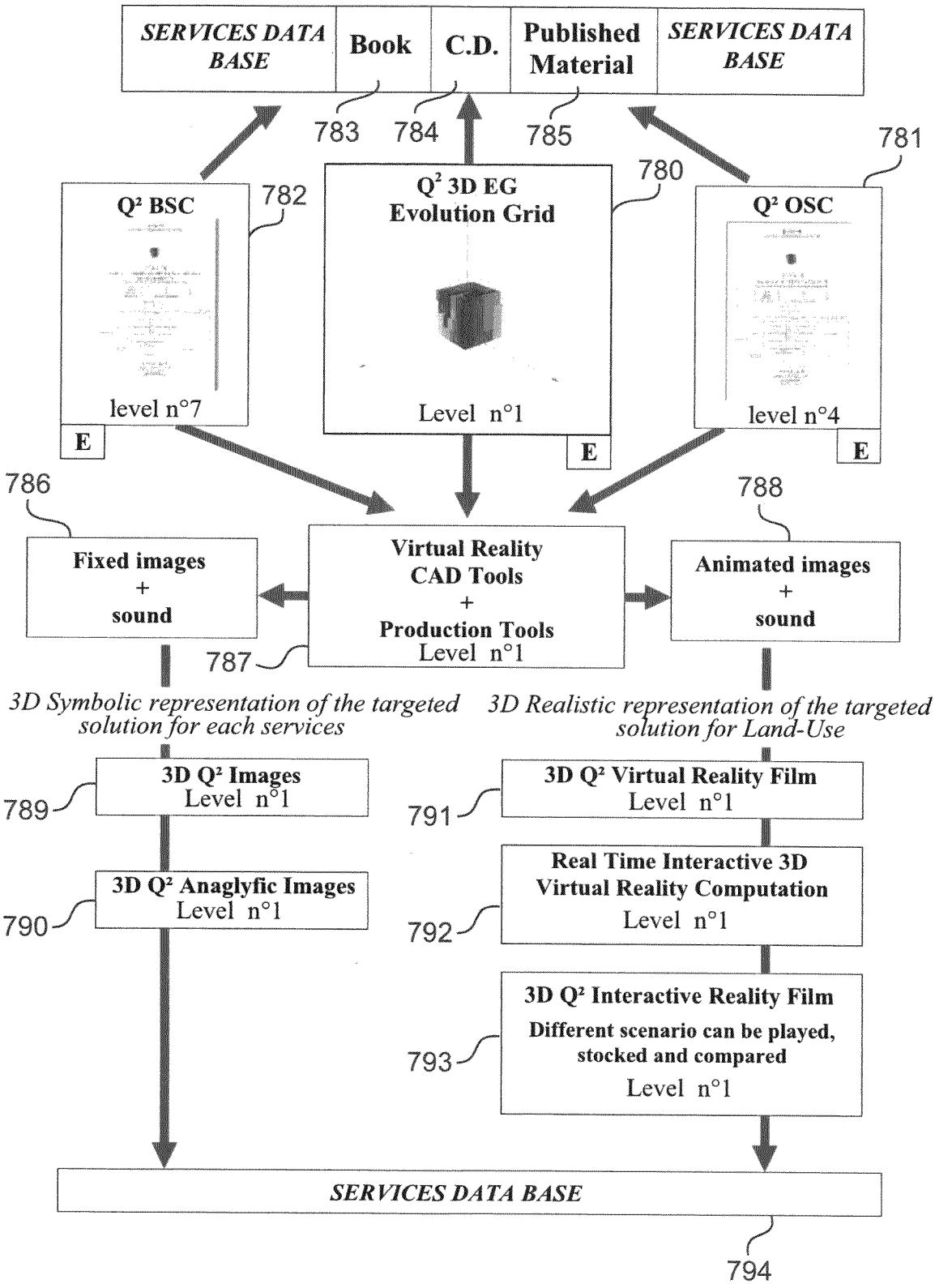
SERVICES DATA BASE
Book
C.D.
Published Material
SERVICES DATA BASE
783
784
785
781
780
782
Q² BSC
Q² 3D EG Evolution Grid
Q² OSC
level n°7
Level n°1
level n°4
E
E
E
786
788
Fixed images + sound
Virtual Reality CAD Tools + Production Tools Level n°1
Animated images + sound
787
3D Symbolic representation of the targeted solution for each services
3D Realistic representation of the targeted solution for Land-Use
789
3D Q² Images Level n°1
791
3D Q² Virtual Reality Film Level n°1
790
3D Q² Anaglyfic Images Level n°1
792
Real Time Interactive 3D Virtual Reality Computation Level n°1
793
3D Q² Interactive Reality Film
Different scenario can be played, stocked and compared
Level n°1
SERVICES DATA BASE
794

FIG. 7H

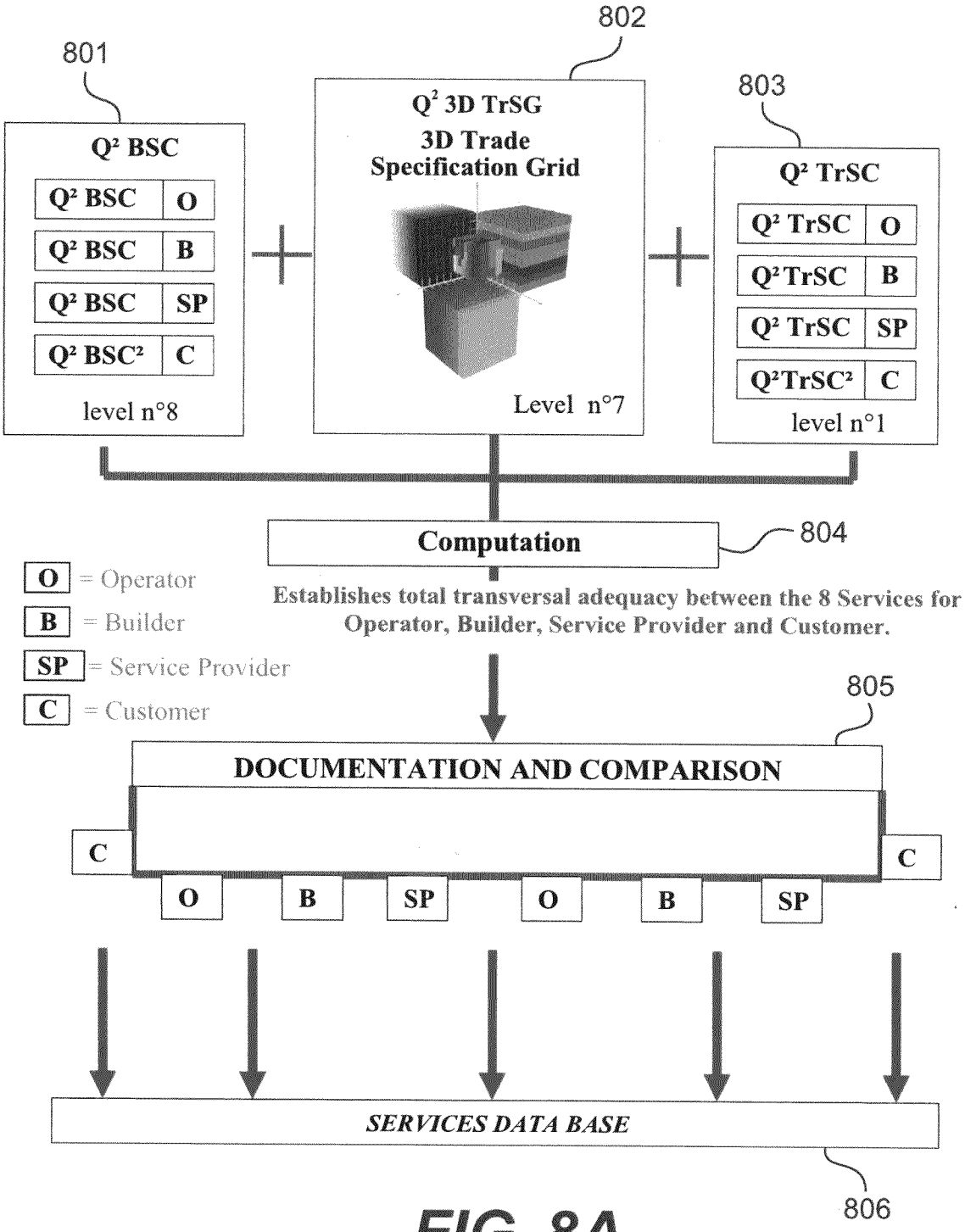
801
802
803
Q² BSC
Q² BSC | O
Q² BSC | B
Q² BSC | SP
Q² BSC² | C
level n°8
Q² 3D TrSG
3D Trade Specification Grid
Level n°7
Q² TrSC
Q² TrSC | O
Q² TrSC | B
Q² TrSC | SP
Q²TrSC² | C
level n°1
Computation
804
O = Operator
B = Builder
SP = Service Provider
C = Customer
Establishes total transversal adequacy between the 8 Services for Operator, Builder, Service Provider and Customer.
805
DOCUMENTATION AND COMPARISON
C
C
O
B
SP
O
B
SP
SERVICES DATA BASE
806

FIG. 8A

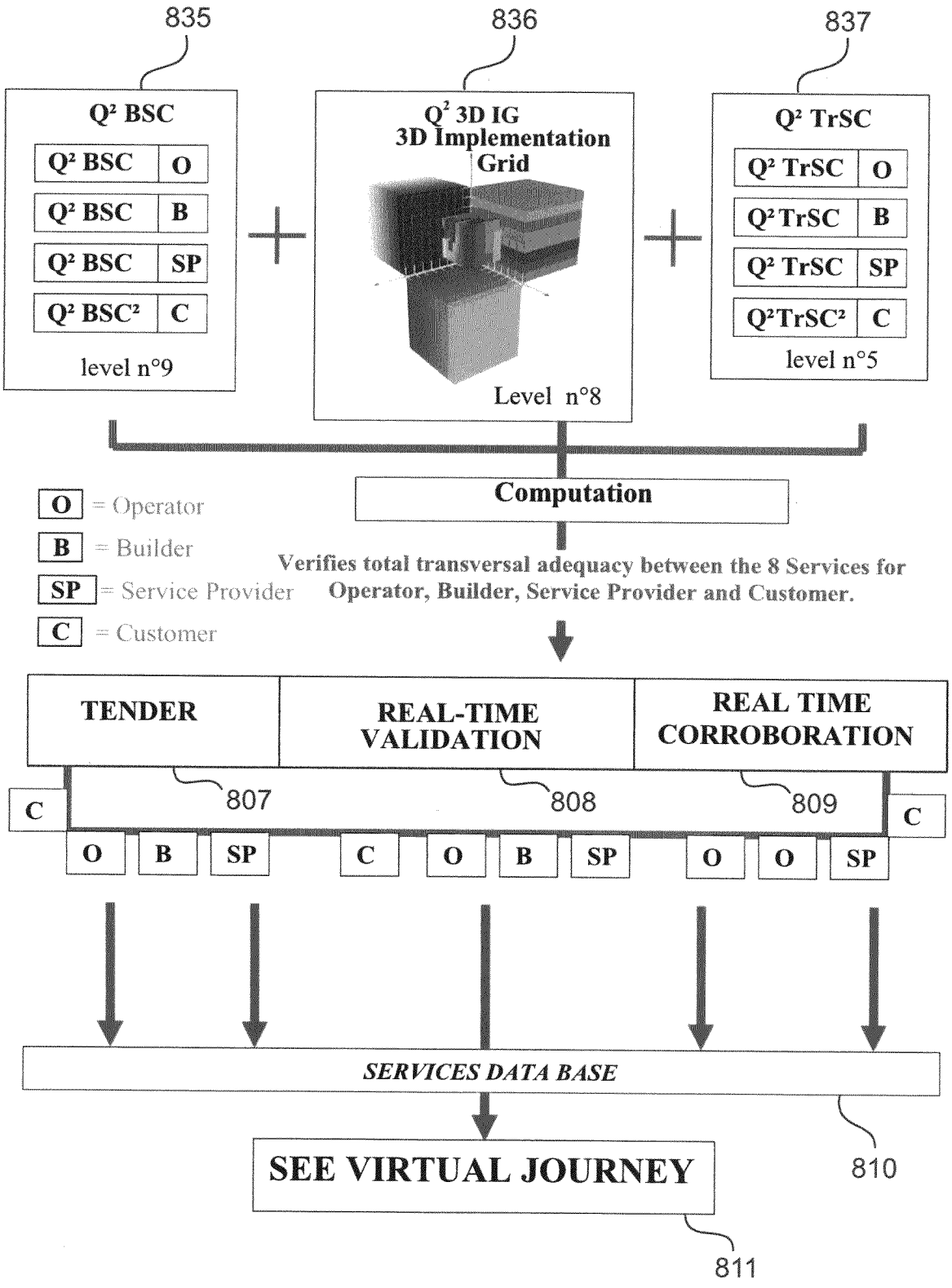
835
836
837
Q² BSC
Q² BSC O
Q² BSC B
Q² BSC SP
Q² BSC² C
level n°9
Q² 3D IG
3D Implementation Grid
Level n°8
Q² TrSC
Q² TrSC O
Q² TrSC B
Q² TrSC SP
Q²TrSC² C
level n°5
O = Operator
B = Builder
SP = Service Provider
C = Customer
Computation
Verifies total transversal adequacy between the 8 Services for Operator, Builder, Service Provider and Customer.
TENDER
REAL-TIME VALIDATION
REAL TIME CORROBORATION
807
808
809
C
C
O B SP C O B SP O O SP
SERVICES DATA BASE
SEE VIRTUAL JOURNEY
810
811

FIG. 8B

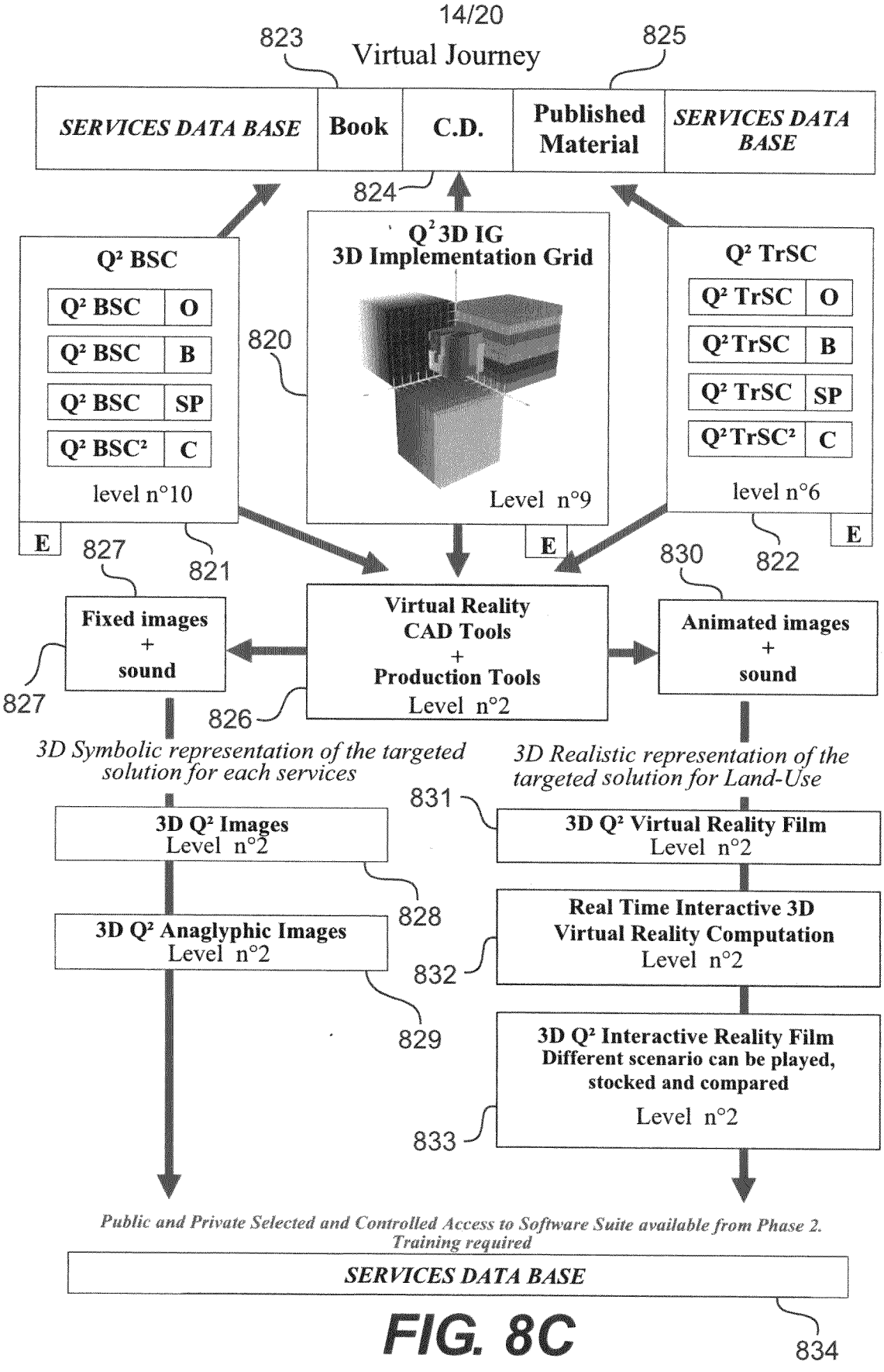
823
Virtual Journey
825
SERVICES DATA BASE
Book
C.D.
Published Material
SERVICES DATA BASE
824
Q² BSC
Q² BSC O
Q² BSC B
Q² BSC SP
Q² BSC² C
level n°10
820
Q² 3D IG
3D Implementation Grid
Level n°9
Q² TrSC
Q² TrSC O
Q² TrSC B
Q² TrSC SP
Q² TrSC² C
level n°6
E
827
821
E
830
822
E
Fixed images + sound
Virtual Reality CAD Tools + Production Tools
Level n°2
Animated images + sound
827
826
3D Symbolic representation of the targeted solution for each services
3D Realistic representation of the targeted solution for Land-Use
831
3D Q² Images
Level n°2
3D Q² Virtual Reality Film
Level n°2
828
3D Q² Anaglyphic Images
Level n°2
Real Time Interactive 3D Virtual Reality Computation
Level n°2
832
829
3D Q² Interactive Reality Film
Different scenario can be played, stocked and compared
Level n°2
833
Public and Private Selected and Controlled Access to Software Suite available from Phase 2.
Training required
SERVICES DATA BASE
834

FIG. 8C

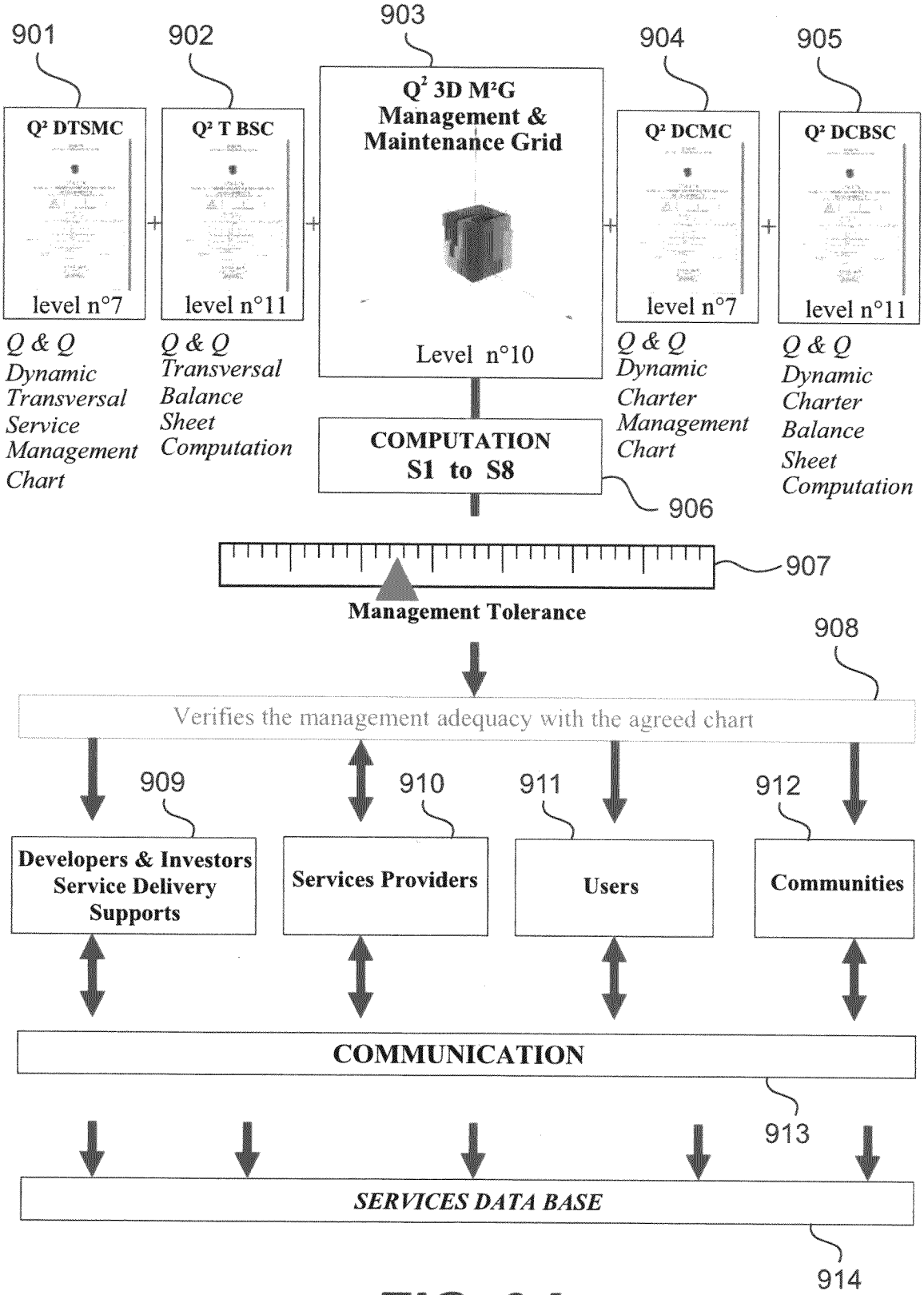
901
902
903
904
905
Q² DTSMC
Q² T BSC
Q² 3D M²G Management & Maintenance Grid
Q² DCMC
Q² DCBSC
level n°7
level n°11
Level n°10
level n°7
level n°11
Q & Q Dynamic Transversal Service Management Chart
Q & Q Transversal Balance Sheet Computation
COMPUTATION S1 to S8
Q & Q Dynamic Charter Management Chart
Q & Q Dynamic Charter Balance Sheet Computation
906
907
Management Tolerance
908
Verifies the management adequacy with the agreed chart
909
910
911
912
Developers & Investors Service Delivery Supports
Services Providers
Users
Communities
COMMUNICATION
913
SERVICES DATA BASE
914

FIG. 9A

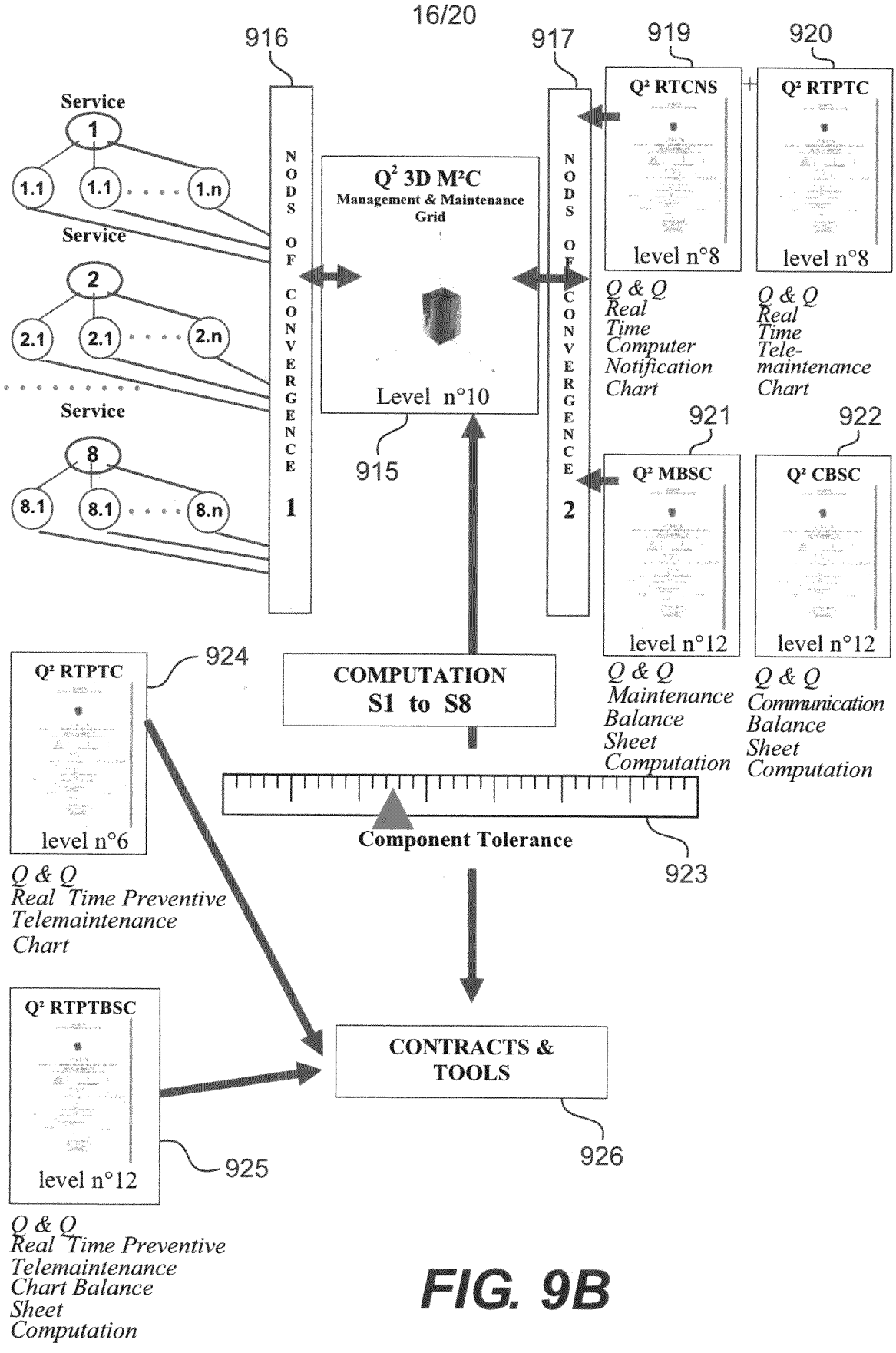
916
917
919
920
Service
1
1.1
1.1
1.n
Service
2
2.1
2.1
2.n
Service
8
8.1
8.1
8.n
NODS OF CONVERGENCE 1
Q² 3D M²C
Management & Maintenance Grid
Level n°10
915
NODS OF CONVERGENCE 2
Q² RTCNS
level n°8
Q & Q Real Time Computer Notification Chart
Q² RTPTC
level n°8
Q & Q Real Time Tele-maintenance Chart
921
922
Q² MBSC
level n°12
Q & Q Maintenance Balance Sheet Computation
Q² CBSC
level n°12
Q & Q Communication Balance Sheet Computation
924
Q² RTPTC
level n°6
Q & Q Real Time Preventive Telemaintenance Chart
COMPUTATION S1 to S8
Component Tolerance
923
Q² RTPTBSC
level n°12
925
Q & Q Real Time Preventive Telemaintenance Chart Balance Sheet Computation
CONTRACTS & TOOLS
926

FIG. 9B

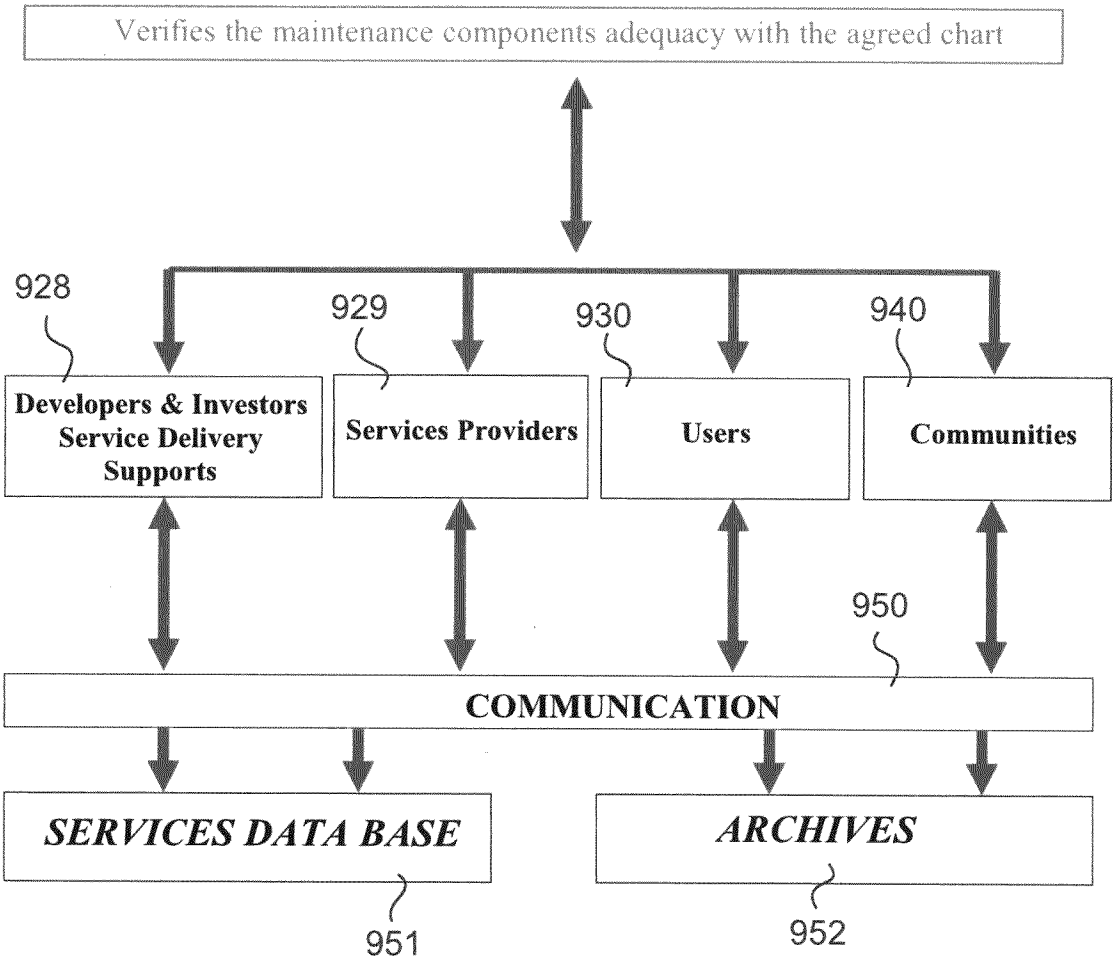
Verifies the maintenance components adequacy with the agreed chart
928
929
930
940
Developers & Investors Service Delivery Supports
Services Providers
Users
Communities
950
COMMUNICATION
SERVICES DATA BASE
ARCHIVES
951
952

FIG. 9C

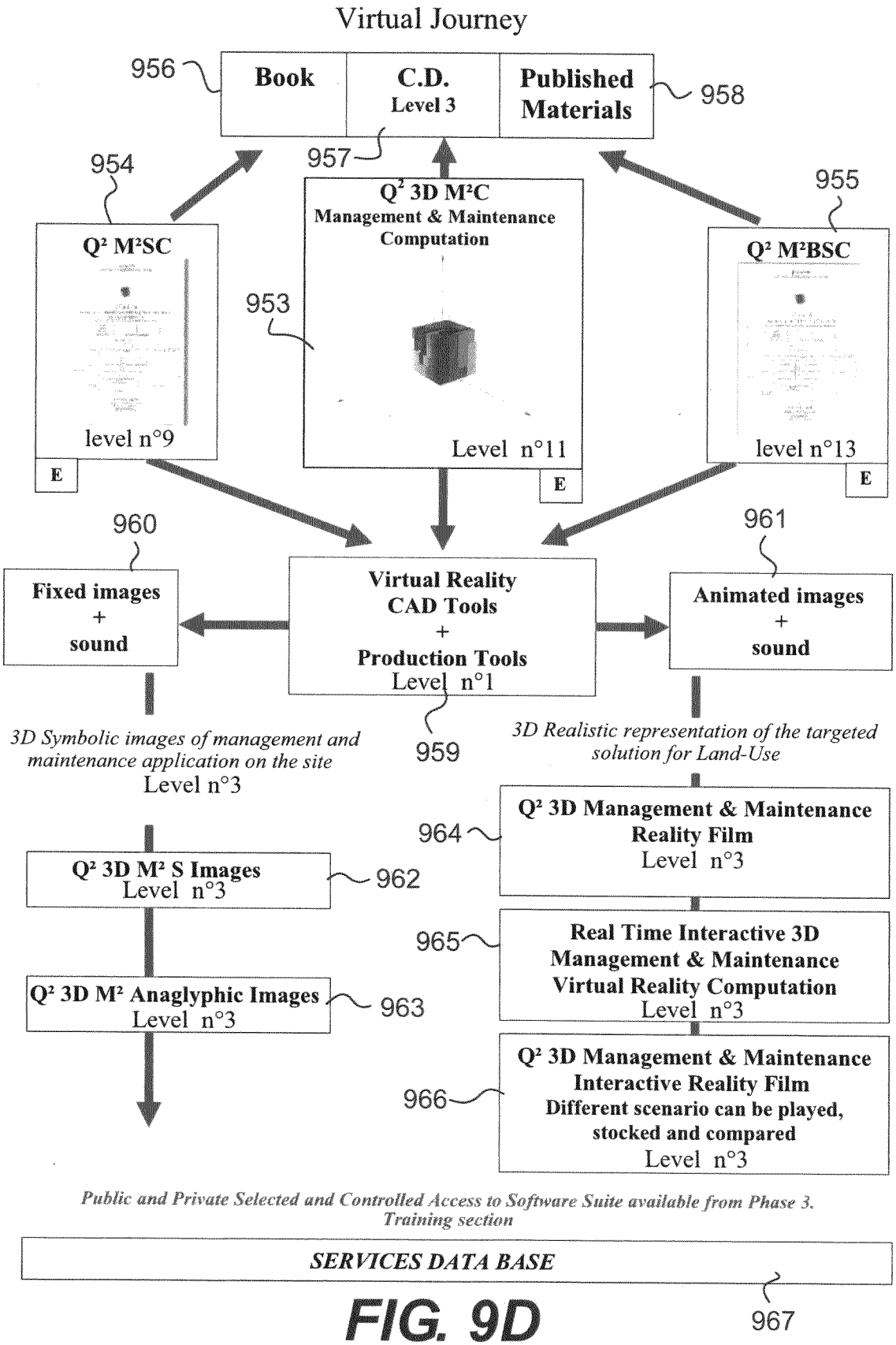
Virtual Journey
956
Book
C.D.
Level 3
Published Materials
958
957
954
955
Q² 3D M²C
Management & Maintenance
Computation
953
Q² M²SC
level n°9
E
Level n°11
E
Q² M²BSC
level n°13
E
960
961
Fixed images
+
sound
Virtual Reality
CAD Tools
+
Production Tools
Level n°1
Animated images
+
sound
959
3D Symbolic images of management and maintenance application on the site
Level n°3
3D Realistic representation of the targeted solution for Land-Use
964
Q² 3D Management & Maintenance
Reality Film
Level n°3
Q² 3D M² S Images
Level n°3
962
965
Real Time Interactive 3D
Management & Maintenance
Virtual Reality Computation
Level n°3
Q² 3D M² Anaglyphic Images
Level n°3
963
966
Q² 3D Management & Maintenance
Interactive Reality Film
Different scenario can be played, stocked and compared
Level n°3
Public and Private Selected and Controlled Access to Software Suite available from Phase 3.
Training section
SERVICES DATA BASE
967

FIG. 9D

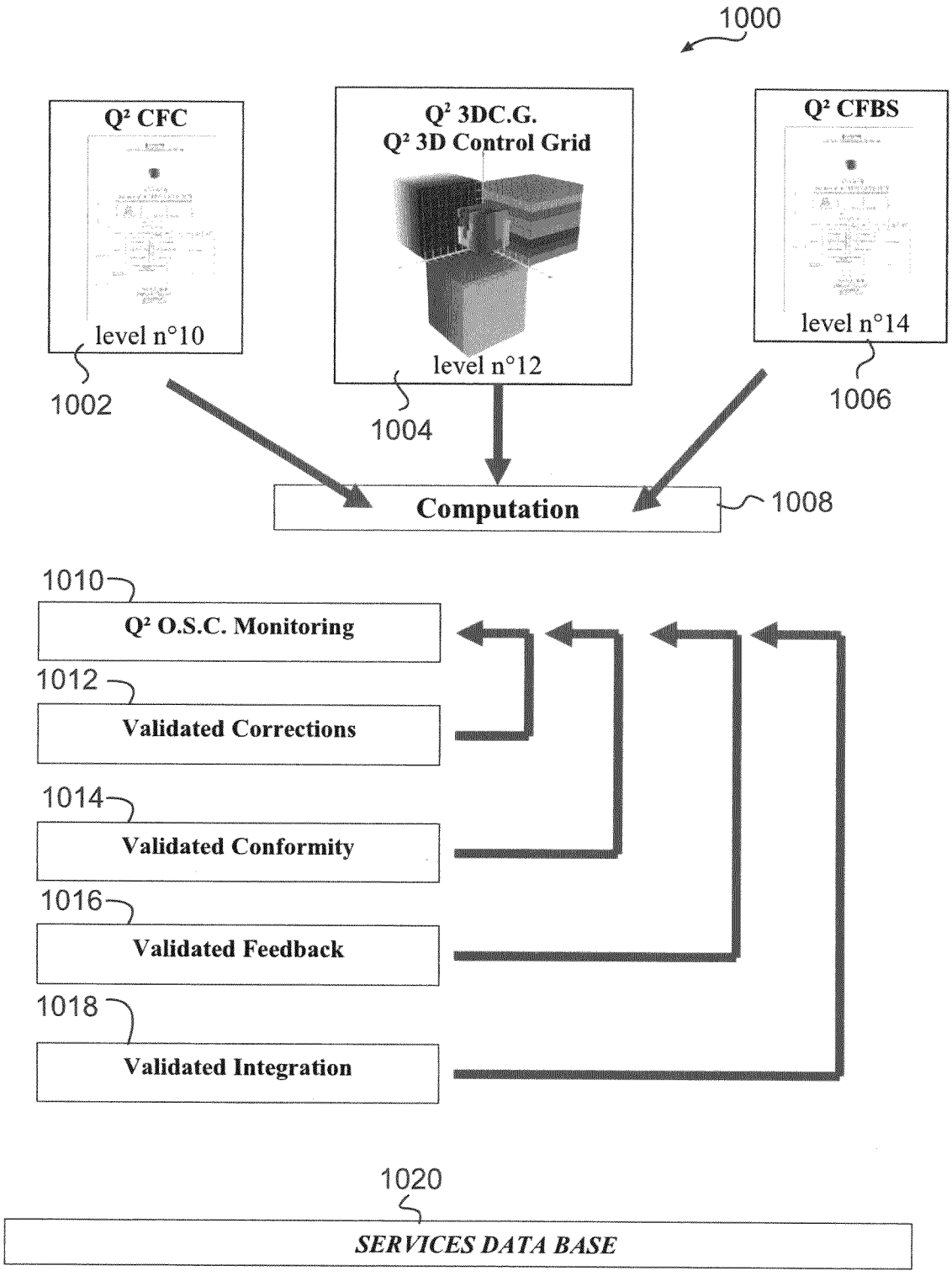
1000
Q² CFC
level n°10
1002
Q² 3DC.G.
Q² 3D Control Grid
level n°12
1004
Q² CFBS
level n°14
1006
Computation
1008
1010
Q² O.S.C. Monitoring
1012
Validated Corrections
1014
Validated Conformity
1016
Validated Feedback
1018
Validated Integration
1020
SERVICES DATA BASE

FIG. 10A

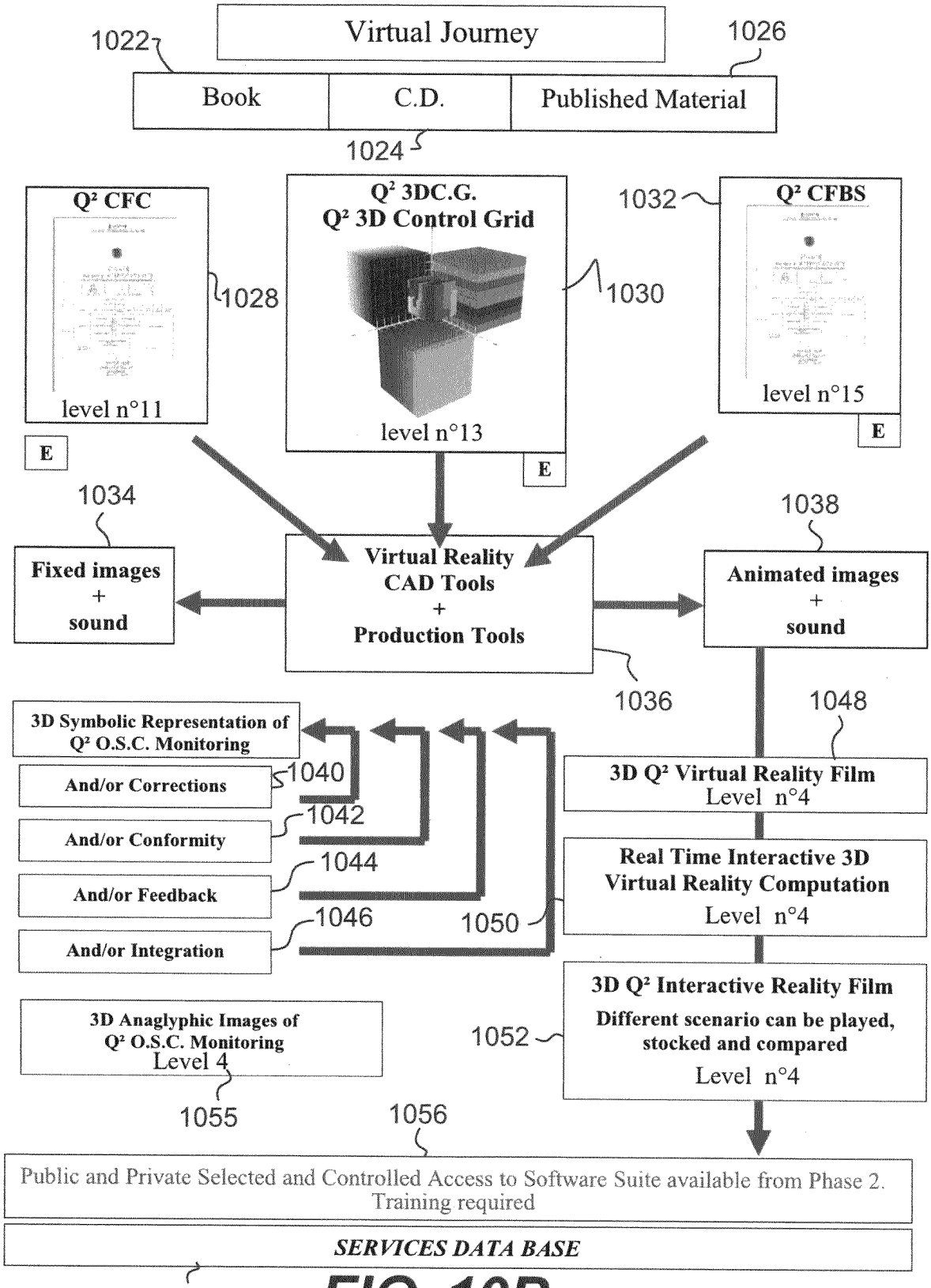
Virtual Journey
1022
1026
Book
C.D.
Published Material
1024
Q² CFC
level n°11
E
1028
Q² 3DC.G.
Q² 3D Control Grid
level n°13
E
1030
1032
Q² CFBS
level n°15
E
1034
Fixed images
+
sound
Virtual Reality
CAD Tools
+
Production Tools
1036
1038
Animated images
+
sound
3D Symbolic Representation of
Q² O.S.C. Monitoring
And/or Corrections
1040
And/or Conformity
1042
And/or Feedback
1044
And/or Integration
1046
1050
1048
3D Q² Virtual Reality Film
Level n°4
Real Time Interactive 3D
Virtual Reality Computation
Level n°4
3D Q² Interactive Reality Film
Different scenario can be played,
stocked and compared
Level n°4
1052
3D Anaglyphic Images of
Q² O.S.C. Monitoring
Level 4
1055
1056
Public and Private Selected and Controlled Access to Software Suite available from Phase 2.
Training required
SERVICES DATA BASE
1058

FIG. 10B